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Appl. No. 10/058,540

Paper No. 2



Certification of Mailing

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By: \_\_\_\_\_

Robert J. Doherty

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Ronald D. Russo  
Appl. No. : 10/058,540  
Filed : January 28, 2002  
Title : SUCTION SYSTEM WITH HIGH EFFICIENCY  
SUCTION CONTROL VALVE

Confirmation No.: 3722

Honorable Commissioner for Patents  
Washington, D. C. 20231

AMENDMENT

In response to the formalities letter dated March 5, 2002, please amend the above-identified application as follows:

**In the Specification:**

Please remove the Abstract from Page 1, that is, cancel lines 5 through 12 in their entirety.

**[Abstract**

An improved trachea suction system includes a suction catheter with a high efficiency suction control valve providing unobstructed fluid flow in its activated suction applied mode for removal of viscous secretions at a low level of applied input suction through the catheter. The valve also non-restrictive to air flow at the distal tip of the catheter. The valve ideally part of a closed tracheal suction system having a catheter isolator seal with a vortex action catheter cleaning chamber located in front of the isolator seal which takes advantage of the high efficiency characteristics of the suction control valve.]

Please add the following material cancelled from Page 1 above as a separate Page 29 as follows:

**--Abstract**

An improved trachea suction system includes a suction catheter with a high efficiency suction control valve providing unobstructed fluid flow in its activated suction applied mode for removal of viscous secretions at a low level of applied input suction through the catheter. The valve also non-restrictive to air flow at the distal

tip of the catheter. The valve ideally part of a closed tracheal suction system having a catheter isolator seal with a vortex action catheter cleaning chamber located in front of the isolator seal which takes advantage of the high efficiency characteristics of the suction control valve.--

[illegible]

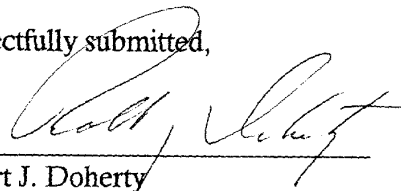
**REMARKS**

The above revisions remove the Abstract from Page 1 of the Specification and place such on a separate page thereof.

Attached hereto is a marked-up version of the changes made to the specification by the current amendment. The attached page is captioned "**Version with markings to show changes made.**"

It is submitted that the above clarifies the objection set out in the March 5, 2002 Formalities Letter, and that the application is now formally complete and entitled to the January 28, 2002 filing date.

Respectfully submitted,



Robert J. Doherty  
Reg. No. 20,272

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the specification:

The following "Abstract" has been removed in its entirety from Page 1 and added as a separate Page 29 as follows:

Abstract

An improved trachea suction system includes a suction catheter with a high efficiency suction control valve providing unobstructed fluid flow in its activated suction applied mode for removal of viscous secretions at a low level of applied input suction through the catheter. The valve also [non-restrictive] non-restrictive to air flow at the distal tip of the catheter. The valve ideally part of a closed tracheal suction system having a catheter isolator seal with a vortex action catheter cleaning chamber located in front of the isolator seal which takes advantage of the high efficiency characteristics of the suction control valve.